

BBSRC Biomolecular Skills School 2019 Provisional Timetable

Tuesday 8th January – Day One (Sutton Bonington campus)

Time	Activity	Location
8.20	Bus from Rutland Hall to Sutton Bonington	
9.00-9.30	Registration and coffee	Charnwood Room (A32), Main Building
9.30-12.30	Introductory session – to include problem-setting, experimental design and initial group discussions	
12.30-13.15	Working Lunch	
13.15- 14.15	Bioinformatics: A Gentle Introduction Online resources which may help with genomic and transcriptomic analysis will be introduced	B08/B09, Main Building
14.15- 16.00	Talk: Image Analysis in the Biosciences A brief introduction to image analysis and its use in the biosciences. Tour: Hounsfield X-ray CT system	A17 Plant Sciences Building/ Hounsfield
16.00-17.30	Group discussions	A17 Plant Sciences
17.30-18.30	Industry Seminar – Chun-wa Chung, GSK	
18.45	Bus back to Rutland Hall	
19.30-20.30	Dinner	Rutland Hall, University Park

Wednesday 9th January – Day Two (University Park campus)

9.00-10.30	Transferable Skills – Philippe Wilson, Royal Society of Biology	B14 ESLC
10.30-11.15	Coffee and group breakout session	
11.15-13.15	Imaging and Structural Analysis at the Nano and Micro Research Centre Introduction to Electron Microscopy, Elemental Analysis and Mapping, Biological samples, Cryo preparation and analysis for SEM and TEM	X2, Chemistry
13.15-14.00	Lunch	B14 ESLC
14.00-15.00	Group discussions	X2, Chemistry
15.00-17.00	A Very Practical Guide To Protein Identification by Mass Spectrometry	
17.30-18.30	Industry Seminar - Anthony Flemming, Invertebrate Genetics Lead, Bioscience, Syngenta	
19.00-20.00	Dinner	Rutland Hall
20.00-21.00	Group discussions	

Thursday 10th January – Day Two (University Park campus)

9.00-9.30	Group 1 Synthetic Biology Talk	Group 2 Tour	CBS B02
9.30-10.00	Group 1 Tour	Group 2 Synthetic Biology Talk	
10.00-11.00	Group discussions		ESLC B07
11.00-12.00	Structural Biology		
12.00-12.45	Lunch		
12.45-14.45	Group discussions		
2.45-4.00	Reporting on problems		
4.15	Finish		

Monday 21st January (Research Complex at Harwell)

When	What	Where
8.30	Bus to Harwell	Outside accommodation
9.00	Arrival and coffee	MR1/2
9.30 – 10.30	Orientation	MR1/2
10.30 -11.00	Group catch up	MR1/2
11.00 - 11.30	Biophysics at RCaH	MR1/2
11.30 - 12.00	Crystallography	MR1/MR2
12.00 - 13.00	Working lunch	MR1/MR2
13.00-15.00	Group discussions and tours	MR1/2, Diamond Light Source and RCaH
15.00 – 17.00	Planning Your Next Steps In Science	MR1/2
17.00	Bus to accommodation	
18.45	Bus to dinner	
19.15	Dinner	
21.00	Bus back to accommodation	

Tuesday 22nd January (Research Complex at Harwell)

When	What	Where
9am	Bus to Harwell	Outside accommodation
9.30am – 11am	ISIS tour - neutrons	ISIS
11-12	Group work	MR1/2
12-1	Working lunch	MR1/MR2
1-2pm	Speaker - tbc	MR1/2
2-3pm	Group work	MR1/2
3-5pm	Tours of Central Laser Facility (in groups)	CLF
5pm	Bus to accommodation	
6.45 (?)	Bus to dinner	Cosmo's, Oxford
7.15	Dinner	
9pm	Bus back to accommodation	

Wednesday 23rd January (Research Complex at Harwell)

When	What	Where
9am	Bus to Harwell	Outside accommodation
9.30am – 11am	Presentation preparation	MR1/2
11-12	Speaker	MR1/2
12-1	Working lunch	MR1/MR2
1-4pm	Presentations	MR1/2
4-4.30pm	Feedback and prizegiving	MR1/2
4.45pm	Bus to accommodation/train station	